



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/635,896	08/07/2003	Brett A. Latimer	46555-028	7815
20277	7590	07/25/2006	EXAMINER	
MCDERMOTT WILL & EMERY LLP			WILLIAMS, MARK A	
600 13TH STREET, N.W.			ART UNIT	
WASHINGTON, DC 20005-3096			PAPER NUMBER	
			3676	

DATE MAILED: 07/25/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/635,896	Applicant(s) LATIMER ET AL.	
	Examiner Mark A. Williams	Art Unit 3676	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 May 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 14-16 and 18-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 23-28 is/are allowed.
- 6) ☒ Claim(s) 14-16, and 18-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 14, 15, and 18-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wenger, US Patent 3,143,185, in view of Donahey, US Patent 5,165,501. Wenger provides a foldable ladder configured for installation in an opening to provide access between one floor or space and another floor or space, comprising an upper ladder section having at least one rail; a lower ladder section having at least one rail; a locking hinge 37 connecting the rail of the upper ladder section to the rail of the lower ladder section and configured to allow the lower ladder section to fold relative to the upper ladder section, wherein when the upper ladder section and the lower ladder section are fully unfolded, the locking hinge adjustable between at least two configurations, in a first configuration, the locking hinge completely preventing the lower ladder section from folding relative to the upper ladder section, and in a second configuration, the locking hinge allowing the

lower ladder section to fold relative to the upper ladder section. A total length of the foldable ladder is approximately equal to or greater than a length of the upper section plus a length of the lower section, as claimed.

Wenger does not explicitly teach a second hinge connected to the upper ladder section to fixedly attach to a member associated with the opening, as claimed. Donahey teaches this concept as additional means for supporting the ladder. It would have been obvious at the time the invention was made for one skilled in the art to have included in the design of Wenger such a modification, such as generally taught by Donahey, for the purpose of providing additional means for supporting the ladder.

Regarding the limitations of claims 18-22, the locking hinge is considered in the first configuration immediately after the upper ladder section and the lower ladder section being fully unfolded. Biasing the hinge latch 16 from the locked position to the unlocked position allows the adjustment of the locking hinge from the first configuration to the second configuration. A biasing member 18 biasing the hinge latch towards the locked position. Upon the hinge latch being in the unlocked position, the biasing member prevented from biasing the hinge latch towards the locked position via 21 (by a user). Upon the lower ladder section

being folded relative to the upper ladder section, the biasing member allowed to bias the hinge latch towards the locked position, as claimed.

3. Claims 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Wenger in view Donahey in further view of Gould et al., US Patent 4,823,912. Wenger does not explicitly teach the claimed bracket member. Gould teaches such a bracket member for the purpose of providing additional means for securing a ladder. It would have been obvious at the time the invention was made for one skilled in the art to have modified the device in this way, for the purpose providing additional securing means.

Allowable Subject Matter

4. Claims 23-28 are allowed.

Response to Arguments

5. Applicant's arguments filed 12/15/05 have been fully considered but they are not persuasive.

Applicant argues that the combination of Wenger and Donahey does not

teach or suggest the claimed second hinge configured to fixedly attach to a member associated with an opening, as claimed. The examiner disagrees, in that the device of Donahey is designed such that it is capable of being used for such a purpose.

Although an opening is not specifically taught by the combination of Wenger and Donahey, the claim language is such that as long as the resulting device is capable of performing such a function the limitation is met. The concept of “fixing” structure such as the support plate assembly of the combination is old and well known and may take the form of a variety of securing methods, including fasteners such as screws, nuts and bolts, tape, or adhesives. Any one of these forms of fixedly attaching this support plate are possible without substantially modifying the device of combination in any way; hence, such structure is “capable” of being fixed in the manner claimed. No limiting structure has been established in the claim language to overcome the applied art of record.

Conclusion

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is

filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark A. Williams whose telephone number is (571) 272-7064. The examiner can normally be reached on Monday through Friday.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mark Williams
7/20/06



BRIAN E. GLESSNER
SUPERVISORY PATENT EXAMINER